

Central Glass Blowing Section: Progress and Plans

Work/Tasks completed

- Web site of CGBS uploaded, hyperlink created from main IITK website.
- Formation of user committee for CGBS
- Charges of glass apparatus recommended by user committee uploaded in web page.
- Flooring and new tin shed in Gas storage room.
- Visit of Safety Officer and his recommendations received.
- New job order form made.
- New Electric wiring (MCB and Net ports in CGBS office and Workshop)
- Ceramic flooring in office room and entrance room
- Write-off of un-serviceable items
- Air Circulation System for working area
- SS line for LPG gas with needle valves in working area for safety purpose.
- CGBS workshop flooring and trench work.
- New shed for Heat exchanger of Distillation plant.
- Extension of Gas room

Equipments/Items procured and facilities created

- Water Distillation plant
- Water Deionization plant with RO
- Tube evacuation system (rotary pump): low vacuum
- Rotary pump tube sealing unit (with diffusion pump): high vacuum
- New Computer
- CO₂ fire Extinguishers
- New Refrigerator (for storing chemicals)
- Vernier Calipers
- Safety Goggles for Glass blowing both Quartz and Borosil Glass.
- New Printer.

Purchase planning for future:

- Glass Blowing Bench Burners
- Cutting Saw Machine.
- Small Glass Blowing Lathe Machine